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Published to advance the Science of cold-blooded vertebrates

A NEW RECORD FOR THE LUMPFISH IN CHESAPEAKE BAY.

This seems to be the second specimen to be recorded from Chesapeake Bay. It was caught in a trap off Wolf Trap Light, April 29, 1914, by E. L. Wilson, and later taken to the Bureau of Fisheries for identification. The specimen was a large one about $14\frac{3}{4}$ inches long, and full of ripe or nearly ripe eggs. B. F. tag 9548.

In *Forest and Stream*, August 3, 1907, page 178, Barton A. Bean records the capture of an adult female Lumpfish (*Cyclopterus lumpus*), at Buckroe Beach, Chesapeake Bay, about two miles north of Old Point Comfort. It was included in a shipment of fish to Messrs. Sheaffer & Stuart, of Washington, D. C., by Thomas V. Weber, April 14. After describing the specimen Bean says:

"The specimen here recorded is a female, apparently having spawned; seventy eggs passed freely from the fish while being measured."

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NOTES ON NEW JERSEY FISHES.

During the past season a number of New Jersey fishes have fallen under my notice. Though most of the species are common, several interesting associations and records are here given:

On May 19th, while at Sea Isle City, *Carcharias littoralis*, *Raja erinacea*, *R. ocellata*, *R. laevis*, *Pomolobus aestivalis*, *Brevoortia tyrannus*, *Scomber scombrus*, *Sarda sarda*, *Pomatomus saltatrix*, *Porontus triacanthus*, *Centropristis striatus*, *Stenotomus chrysops*, *Cynoscion regalis*, *Micropogon undulatus*, *Spheroides maculatus*, *Prionotus carolinus*, *P. strigatus*, *Paralichthys dentatus*, *Lophopsetta maculata*, *Merluccius bilinearis*, *Gadus callarias*, *Urophycis regius* and *U. chuss* were found; July 20th, *Carcharinus milberti* and *Echeneis naucrates* were obtained; July 24th, *Sphyrna zygaena*, *Fundulus majalis*, *Menidia menidia notata*, *Trachinotus carolinus*, *Syngnathus fuscus* and *Menticirrhus saxatilis*; August 29th, *Trachinotus falcatus*, *Orthopristis chrysopterus* and *Bairdiella chrysura*.

Mr. W. J. Fox, who also secured some of the above, obtained *Caranx crysos*, *Stephanolepis hispidus* and *Anguilla chrisypa* at Carson's Inlet on August 11th. The last was an adult, and remarkable for its deformed body, being twisted in rather even undulations. I examined a small *Cyclopterus lumpus*, taken in the pound at Ocean City in late April, and was informed several others were also obtained. *Aleutera schoepfii* and *Urophycis regius* were also secured there June 21st; and *Synodus foetens* at Beesley's Point on September 10th.

Among fresh-water fishes, those of the Alex-socken Creek, above Lambertville, obtained July 22nd, contained three adults of *Rhinichthys cataractae*. These were the first I ever collected in New Jersey, and were taken in the rapids, associated with the very common *R. atronasus*. *Semotilus atromaculatus*, *Notropis cornutus*, *Fundulus diaphanus*, and *Boleosoma nigrum olmstedii* were also found. *R. atronasus* were very abundant in Jacobs Creek, near Harborville. A small collection from the Pompton River, near Mountain View, in Passaic County, contains *Semotilus bullaris*, *Notropis photogenis amoenus*, *Ambloplites rupestris*, *Lepomis auritus*, *Eupomotis gibbosus* and *Micropterus dolomieu*.

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